

Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark Office

Atty Docket 0756-1724

Serial No. 08/943,238

INFORMATION DISCLOSURE STATEMENT

APR 30 2002

Applicants: Masaaki HIROKI et al.

Filing Date: October 01, 1997

Group Art Unit: 2814

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
<i>Ch</i>	5,340,999	08/23/1994	Takeda et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
<i>Ch</i>	03-036767 —	02/18/1994	JP			Full Eng
<i>Ch</i>	56-069864 —	06/11/1981	JP			Eng Abst
<i>Ch</i>	59-141271	08/13/1984	JP			Eng Abst

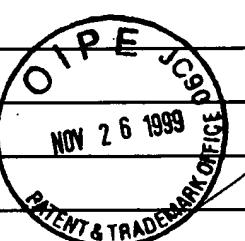
Examiner

Date Considered

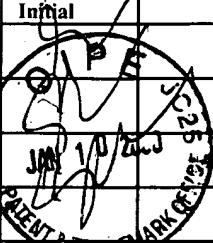
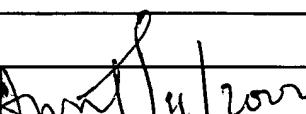
13/07/03

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Rev. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 0756-1724		Serial No. 08/943,238	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Masaaki HIROKI et al. (91)					
		Filing Date: October 3, 1997		Group: 2814			
U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)	
<i>SN</i>	3,838,209	09/24/74	Tsuchiya et al				
	4,600,274	07/15/86	Morozumi				
	4,653,862	03/31/87	Morozumi				
	4,651,403	12/29/87	Morozumi				
	RE 3,882	04/14/92	Morozumi				
	2,619,235,195	08/10/93	Tran et al				
	4,770,502	09/13/88	Kitazima et al				
	5,016,610	05/21/91	Meguro et al				
	5,329,390	07/12/94	Fujiwara et al				
	4,650,543	03/17/87	Kishita et al				
	4,960,719	10/02/90	Tanaka et al				
	4,597,637	07/01/86	Ohta				
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation Yes No	
<i>SN</i>	58-27365	02/18/83	Japan			Full	
	49-52598	05/22/74	Japan			Abstract	
	52-76897	06/28/77	Japan			Abstract	
	59-61818	04/09/84	Japan			Abstract	
	1-107237	04/25/89	Japan			Abstract	
	2-16596	01/19/90	Japan			Abstract	
	60-154996 (with Concise Statement)	10/16/85	Japan			X	
	GB 1 396 486	06/04/75	United Kingdom				
	GB 2,130,781	06/06/84	United Kingdom				
	61-136263	06/24/86	Japan			Abstract	
	64-68728	03/14/89	Japan			Abstract	
	62-283664	12/09/87	Japan			Abstract	
<i>SN</i>	GB 2 187 859	09/16/87	United Kingdom				
Examiner	Date Considered				<i>01/19/03</i>		
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Form PTO-1449 (Rev. 8-83)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 0756-1724		Serial No. 08/943,238	
INFORMATION DISCLOSURE STATEMENT CORRECTED				Applicant: Masaaki HIROKI et al. (9)			
(Use several sheets if necessary)				Filing Date: October 3, 1997		Group: 2814	
U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)	
<i>SA</i>	4,752,774	06/21/88	Clerc et al				
<i>SA</i>	5,084,905	01/1992	Sasaki et al				
							
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation Yes No	
<i>SA</i>	64-68724	03/14/89	Japan				
<i>SA</i>	63-100777	05/02/88	Japan			Abstract	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Examiner 				Date Considered		<i>10/01/03</i>	

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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicants: Masaaki HIROKI et al. (16)			
				Filing Date: October 3, 1997		Group Art Unit: 2814	
U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)	
	5,206,635	4/27/93	Inuzuka et al.				
	5,854,879	12/29/98	Inuzuka et al.				
	5,182,620	1/26/93	Shimada et al.				
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation Yes No	
	2-199498 -	8/7/90	JP			Abstract	
	3-288824 -	12/19/91	JP			Abstract	
	4-283729	10/8/92	JP			Abstract	
	4-291240	10/15/92	JP			Abstract	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Examiner						Date Considered 	
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Applicants: Masaaki HIROKI et al.

Group Art Unit: 2814

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
SN	4,068,020	01/10/1978	Reuschel			
OCT 05 2000 PATENT & TRADEMARK OFFICE CPE	4,365,013	12/21/1982	Ishioka			
	4,378,417	03/29/1983	Maruyama et al.			
	4,420,870	12/20/1983	Kimura			
	4,468,855	09/04/1984	Sasaki			
	4,528,480	07/09/1985	Unagami			
	4,591,892	05/27/1986	Yamazaki			
	4,597,160	07/01/1986	Ipri			
	4,646,426	03/03/1987	Sasaki			
	4,727,044	02/23/1988	Yamazaki			
	4,740,829	04/26/1988	Nakagiri et al.			
	4,755,865	07/05/1988	Wilson et al.			
	4,860,069	08/22/1989	Yamazaki			
	4,862,237	08/29/1989	Morozumi			
	4,888,305	12/19/1989	Yamaizaki et al.			
	4,891,330	01/02/1990	Guha et al.			
	4,897,360	01/30/1990	Guckel et al.			
	4,905,066	02/27/1990	Dohjo et al.			
	4,959,700	09/28/1990	Yamazaki			
	4,969,025	11/06/1990	Yamamoto et al.			
	4,969,031	11/06/1990	Kobayashi et al.			
	4,986,213	01/22/1991	Yamazaki et al.			
	5,003,356	03/01/1991	Wakai et al.			
	5,023,679	06/11/1991	Shibata			
	5,051,570	09/01/1991	Tsujikawa et al.			
	5,077,223	12/31/1991	Yamazaki			
	5,084,905	01/01/1992	Sasaki et al.			
	5,132,754	07/21/1992	Serikawa et al.			
	5,132,821	07/21/1992	Nicholas			
	5,142,344	08/25/1992	Yamazaki			
CL	5,182,620	01/26/1993	Shimada et al.			

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19/01/03

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(Rev. 8-83)

U.S. Patent and Trademark Office

Atty Docket 0756-1

Serial No. 08/943,238

INFORMATION DISCLOSURE STATEMENT

Applicants: Masaaki HIROKI et al.

Group Art Unit: 2814

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
<i>gm</i>	5,245,452	09/14/1993	Nakamura et al.			
<i>O P E</i>	5,250,818	10/05/1993	Saraswat et al.			
	5,289,030	02/22/1994	Yamazaki et al.			
<i>OCT 05 2000</i>	5,302,845	04/12/1994	Kumagai et al.			
<i>PATENT TRADEMA</i>	5,308,998	05/03/1994	Yamazaki et al.			
	5,313,077	05/17/1994	Yamazaki			
	5,315,132	05/24/1994	Yamazaki			
	5,327,901	07/12/1994	Delente			
	5,358,810	10/25/1994	Yoshimo			
	5,495,353	02/01/1996	Yamazaki et al.			
	5,521,107	05/28/1996	Yamazaki et al.			
	5,543,636	08/06/1996	Yamazaki			
	5,624,799	03/18/1997	Yamazaki et al.			
	5,744,818	04/28/1998	Yamazaki			
<i>tl</i>	6,013,928	01/11/2000	Yamazaki et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
<i>gm</i>	0 161 555	11/21/1985	EP			Engl.
	0 412 701	02/13/1991	EP			Engl.
	01 -241862	09/26/1989	Japan			Full
	01-156725	06/20/1989	Japan			Full
	01-183845	07/21/1989	Japan			Abst.
	01-194351	08/04/1989	Japan			Abst.
	01-274117	11/01/1989	Japan			Abst.
	01-289917	11/21/1989	Japan			Abst.
	01-321073	12/27/1989	Japan			Abst.
	02 -210330	08/21/1990	Japan			Full
	02 -234134	09/17/1990	Japan			Full
	02-027320	01/30/1990	Japan			Abst.
<i>tl</i>	02-090683	03/30/1990	Japan			Abst.

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Applicants: Masaaki HIROKI et al. (14)

Filing Date: October 01, 1997

Group Art Unit: 2814

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
<i>SM</i>	02-103925	04/17/1990	Japan			Abst.	
<i>SM</i>	02-159730	06/19/1990	Japan			Full	
<i>SM</i>	02-211428	08/22/1990	Japan			Abst.	
<i>SM</i>	02-228041	09/11/1990	Japan			Abst.	
<i>SM</i>	02-228042	09/11/1990	Japan			Abst.	
<i>SM</i>	02-281291	11/16/1990	Japan			Abst.	
	02-307273	12/20/1990	Japan			Abst.	
	02-309317	12/25/1990	Japan			Abst.	
	03-007911	01/16/1991	Japan			Abst.	
	03-024735	02/01/1991	Japan			Abst.	
	03-034434	02/14/1991	Japan			Abst.	
	03-059543	03/14/1991	Japan			Abst.	
	03-109739	05/09/1991	Japan			Abst.	
	03-165575	07/17/1991	Japan			Abst.	
	03-180058	08/06/1991	Japan			Abst.	
	03-185839	08/13/1991	Japan			Abst.	
	03-217059	09/24/1991	Japan			Abst.	
	03-272183	12/03/1991	Japan			Abst.	
	04-283729	10/08/1992	Japan			Full	
	04-291240	10/15/1992	Japan			Full	
	04-015986	01/21/1992	Japan			Abst.	
	04-291240	10/15/1992	Japan			Abst.	
	04-299864	10/23/1992	Japan			Abst.	
	04-360580	12/14/1992	Japan			Abst.	
	05-267667	10/15/1993	Japan			Abst.	
	53-027483	03/14/1978	Japan			Full	
	53-144297	12/15/1978	Japan			Abst.	
	55-032026	03/06/1980	Japan			Full	
	58-002073	01/07/1983	Japan			Full	
	58-023478	02/12/1983	Japan			Abst.	
	58-023479	02/12/1983	Japan			Abst.	

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18/10/93

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INFORMATION DISCLOSURE STATEMENT

Applicants: Masaaki HIROKI et al. *lu*

Filing Date: October 01, 1997

Group Art Unit: 2814

FOREIGN PATENT DOCUMENTS

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<i>CH</i>	58-105574 <i>O I P E</i>	06/23/1983	Japan			Abst. <input type="checkbox"/>
	58-106861	06/25/1983	Japan			Abst. <input type="checkbox"/>
	58-115864 <i>OCT 05 2000</i>	07/09/1983	Japan			Abst. <input type="checkbox"/>
	58-118154	07/14/1983	Japan			Full <input type="checkbox"/>
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	58-164268	09/29/1983	Japan			Abst. <input type="checkbox"/>
	59-021067	02/02/1984	Japan			Abst. <input type="checkbox"/>
	60-047574	03/14/1985	Japan			Abst. <input type="checkbox"/>
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	62-073658	04/04/1987	Japan			Abst. <input type="checkbox"/>
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	62-131575	06/13/1987	Japan			Abst. <input type="checkbox"/>
	62-193277	08/25/1987	Japan			Abst. <input type="checkbox"/>
	62-214669	09/21/1987	Japan			Abst. <input type="checkbox"/>
	63-009978	01/16/1988	Japan			Abst. <input type="checkbox"/>
	63-066969	03/25/1988	Japan			Abst. <input type="checkbox"/>
	63-070832	03/31/1988	Japan			Abst. <input type="checkbox"/>
	63-096636	04/27/1988	Japan			Abst. <input type="checkbox"/>
	63-119578	05/24/1988	Japan			Abst. <input type="checkbox"/>
	63-126277	05/30/1988	Japan			Abst. <input type="checkbox"/>
	63-178560	07/22/1988	Japan			Abst. <input type="checkbox"/>
	63-219452	09/12/1988	Japan			Abst. <input type="checkbox"/>
	63-279228	11/16/1988	Japan			Full <input type="checkbox"/>
	63-283068	11/18/1988	Japan			Abst. <input type="checkbox"/>
<i>CH</i>	64-089464	04/03/1989	Japan			Abst. <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	
<i>CH</i>	Wallmark et al., "Field-Effect Transistors Physics, Technology and Applications", 1968, pp. 199, MOS Field-Effect Transistors Sec. 8-3

Examiner	Date Considered
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Applicants: Masaaki HIROKI et al. (15)

Filing Date: October 01, 1997

Group Art Unit: 2814

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	
gj	Wilmsen, "Chemical Composition and Formation of Thermal and Anodic Oxide/III-V Compound Semiconductor Interfaces", Sept.-Oct. 1981, pp. 279-287, J. Vacuum Society. Technology, Vol. 19, No. 3
z	Millman et al., "Microelectronics", 1988, pp. 143, McGraw-Hill Book Company, Second Edition
	Cobbold, "Theory and Applications of Field-Effect Transistors", 1971, pp. 62, Field-Effect Transistors



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OCT 13 2000
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Examiner

Date Considered

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O I P S
INFORMATION DISCLOSURE STATEMENT

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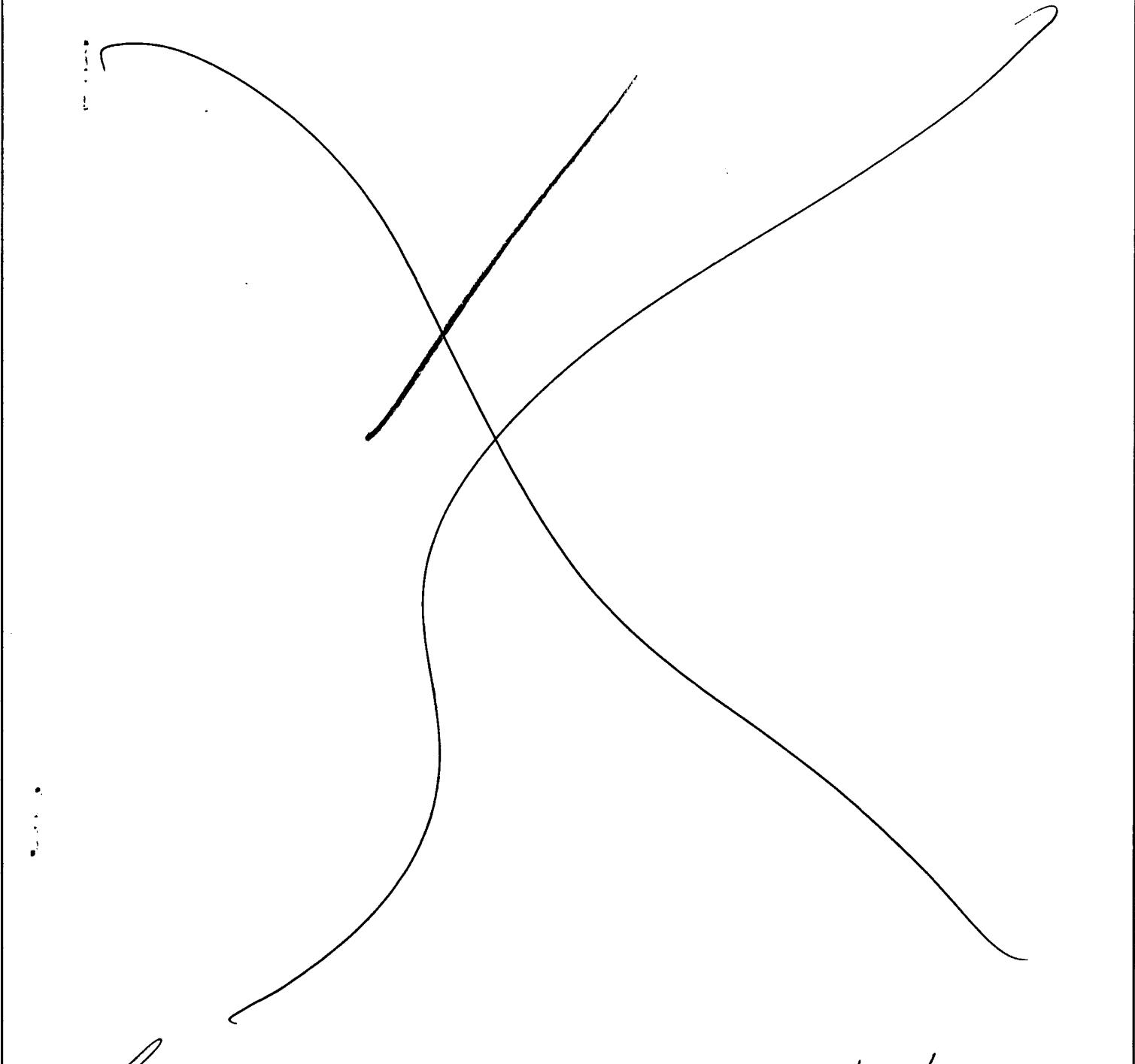
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FOREIGN PATENT DOCUMENTS

Examiner Initial	Examiner Name	Patent Number	Date	Country	Class	Subclass	Translation Yes	Translation No
SL		03-059543	03/14/1991	JP			Full Eng	



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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
CM	4,838,654	06/13/1989	Hamaguchi et al.	/	/	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
SM	02-002522	01/08/1990	JP	/	/	Eng Abst	
	02-278749	11/15/1990	JP	/	/	Full Eng	
	55-154750	12/02/1980	JP	/	/	Eng Abst	
SL	63-101829	05/06/1988	JP	/	/	Eng Abst	

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JAN 17 2001
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15/1/01

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U.S. PATENT DOCUMENTS

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CM	4,916,090	04/10/1990	Motai et al.			
	4,943,837	07/24/1990	Konishi et al.			
MM	5,093,703	03/03/1992	Minami et al.			

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JUN - 8 2001

TC 2800 MAIL ROOM

Examiner

Date Considered

15/01/03

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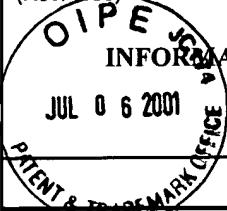
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JUL 06 2001

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
SL	64-068732	03/14/1989	JP	7		Eng Abst

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JUL 12 2001
PTC 2800 MAIL ROOM

Examiner

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Form PTO-1449 (Rev. 6-8-95)		U.S. Department of Commerce Patent and Trademark Office		Atty Docket 0756-1724		Serial No. 08/943,238	
INFORMATION DISCLOSURE STATEMENT NOV 13 2001 P A T E N T & T R A D E M A R K O F F I C E		Applicants: Masaaki HIROKI et al.					
		Filing Date: October 01, 1997			Group Art Unit: 2814		
U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)	
<i>su</i>	3,798,752	03/26/1974	Fujimoto				
	4,466,172	08/21/1984	Batra				
	4,988,643	01/29/1991	Tsou				
	5,102,361	04/07/1992	Katayama et al.				
	5,162,901	11/10/1992	Shimada et al.				
	5,194,136	03/16/1993	Jeung et al.				
	5,200,846	04/06/1993	Hiroki et al.				
	5,273,910	12/28/1993	Tran et al.				
	5,287,205	02/15/1994	Yamazaki et al.				
	5,568,288	10/22/1996	Yamazaki et al.				
	5,933,205	08/03/1999	Yamazaki et al.				
	5,956,105	09/21/1999	Yamazaki et al.				
<i>su</i>	5,963,278	10/05/1999	Yamazaki et al.				
FOREIGN PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes	No
<i>su</i>	01-183853	07/21/1989	JP			Full Eng	
	03-017629	01/25/1991	JP			Eng Abst	
	58-186967	11/01/1983	JP			Eng Abst	
	58-192379	11/09/1983	JP			Full Eng	
	62-105474	05/15/1987	JP			Eng Abst	
<i>su</i>	64-012576	01/17/1989	JP			Eng Abst	
OTHER DOCUMENT (Including Author, Title, Date, Pertinent Pages, Etc.)							
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<i>su</i>	Inventors: Yamazaki et al., Specification & Drawings for US Patent Application No. 09/344,373, Filed: June 25, 1999						
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Examiner	Date Considered			<i>03/09/03</i>			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

